

Notice of Allowability

Application No.

10/520,710

Examiner

John H. Le

Applicant(s)

TSIGIROGLOU, KIRIAKOS

Art Unit

2863

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/14/2007.
2. ☒ The allowed claim(s) is/are 12.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

Response to Amendment

1. Applicant's amendment filed 09/14/2007 has been entered and carefully considered.

Claim 12 has been amended.

Claim 11 has been cancelled.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The applicant has been amended as follows:

In Claim:

12. Electronic device KINTEC KODU-1 of compact design and construction for supervising a specific area, ~~characterized in that the above~~ wherein said electronic device a) collects raw data from external sensors, which do not have their own onboard decision logic and the sensors produce analogue electric signals, b) said electronic device processes the collected data and e) transmits data from a specific area, which it supervises to an information collection system located at a long distance from the supervised area, wherein the electronic device comprises an electronic printed circuit which integrate:

a) an interface for the connection to external analogue and by-stable sensors;

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b) processing means for:

i) integrating ~~where the~~ a decision logic of a combination or all of -infra Red motion, power network R-S-T phases presence, temperature, water presence, status of doors for open or closed, battery voltage, smoke presence, generator status for running or not and air condition- external sensors is integrated, and

ii) ~~which collect, compare and combine~~ collecting, comparing; and combining data from the external sensors,

wherein the electronic device integrates on the electronic printed circuit , wherein two or more additional independent relay circuits serving the signaling needs, wherein it said electronic device is designed for use in the antenna shelters of mobile telephony, and wherein the electronic printed circuit is placed in an enclosure consisting of a base case, with four side walls and a detachable cover and is made of a material providing safety to the staff, protection from environmental elements and electromagnetic shielding from and to the environment, wherein the case contains:

a) openings at the sidewalls to allow passage and mounting of the circuits connecting cables at the internal part of the case with external peripheral devices,

b) metallic supports for mounting the electronic printed circuit on the a receptacle base,

e) metallic duct in the case base for driving and protection of the power cable,

d) grounding posts for electromagnetic and safety grounding,

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- e) a grounding post on the detachable cover, connected with the grounding of the main body for complete electromagnetic shielding and safety,
- f) a special metallic base for battery mounting and support,
- g) points of support of the a transformer, and
- h) metal strips welded on the external surface of the main body of the case base (290X76 mm) with openings for side mounting of the device in racks.

Reasons for Allowance

3. Claim 12 is allowed.

The following is a statement of reasons for the indication of allowable subject matter:

The combination as claimed wherein the electronic device of compact design and construction comprising: openings at the sidewalls to allow passage and mounting of the circuits connecting cables at the internal part of the case with external peripheral devices; metallic supports for mounting the electronic printed circuit on the receptacle base; metallic duct in the case base for driving and protection of the power cable; grounding posts for electromagnetic and safety grounding; a grounding post on the detachable cover, connected with the grounding of the main body for complete electromagnetic shielding and safety; a special metallic base for battery mounting and support; points of support of the transformer; metal strips welded on the external surface of the main body of the case base 290X76 mm with openings for side mounting of the device in racks (claim 12) is not disclosed, suggested, or made obvious by the prior art of record.

Kutzik et al. (US 2005/0278409) disclose an electronic device of compact design and construction characterized in that the above device collects, processes and transmits data from a specific area, which it supervises, to an information collection system, located at a long distance from the supervised area (e.g. Figs.1, 3, [0021]). The device in concern comprises a microprocessor (110), and sensors (112, 116, 120, 124) connected to it. Kutzik et al. teach an electronic device contains a combination of some of the following sensors: temperature monitoring and indication (e.g. [0163]), water level monitoring and indication (e.g. [0072]-[0076]), smoke detection and indication (e.g. [0068]-[0069]), open door monitoring and indication (e.g. [0162]), power supply battery voltage monitoring and indication (e.g.[0078]); intruder monitoring and indication (e.g. [0023]), wherein the electronic device integrates on the electronic printed circuit of two or more additional independent relay circuits serving the signaling needs (e.g. [0062]); wherein the electronic device is designed for use in the antenna shelters (home) of mobile telephony (e.g. [0027], [0039], [0104], [0171]).

Steinthal et al. (US 7,034,677 correspond to US Provisional Application 60397135) disclose the processing means (processor 120, Fig.3b) and electronic printed circuit (Fig.5); whereas the sensors are external and interface (interface 115) connected with the printed circuit board (see Fig.3b)(col.7, lines 63-67).

However, Kutzik et al. and Steinthal et al. do not disclose the combination of an electronic device of compact design and construction, wherein the device comprising: openings at the sidewalls to allow passage and mounting of the circuits connecting cables at the internal part of the case with external peripheral devices; metallic supports

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for mounting the electronic printed circuit on the receptacle base; metallic duct in the case base for driving and protection of the power cable; grounding posts for electromagnetic and safety grounding; a grounding post on the detachable cover, connected with the grounding of the main body for complete electromagnetic shielding and safety; a special metallic base for battery mounting and support; points of support of the transformer; metal strips welded on the external surface of the main body of the case base (290X76 mm) with openings for side mounting of the device in racks.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John H. Le whose telephone number is 571 272 2275. The examiner can normally be reached on 9:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Barlow can be reached on 571 272 2269. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

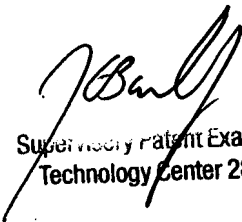
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more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John H. Le

Patent Examiner-Group 2863

September 24, 2007



Supervisory Patent Examiner
Technology Center 2800